PCT

WORLD INTELLECTUAL PROPERTY ORGANIZATION International Bureau



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶:

H04N 7/00, H04L 12/00

A1

(11) International Publication Number: WO 97/33434

(43) International Publication Date: 12 September 1997 (12.09.97)

(21) International Application Number: PCT/US97/03525

(22) International Filing Date: 7 March 1997 (07.03.97)

(30) Priority Data:

08/613,144 8 March 1996 (08.03.96) US 08/615,143 14 March 1996 (14.03.96) US 08/622,474 25 March 1996 (25.03.96) US

(71) Applicants (for all designated States except US): ACTV, INC. [US/US]; Rockefeller Center, Suite 2401, 1270 Avenue of the Americas, New York, NY 10020 (US). EARTH WEB, INC. [US/US]; 38th floor, 3 Park Avenue, New York, NY 10016 (US).

(72) Inventors; and

- (75) Inventors/Applicants (for US only): HIDARY, Jack, D. [US/US]; 38th floor, 3 Park Avenue, New York, NY 10016 (US). ULLMAN, Craig [US/US]; 112 Willow Street #4A, Brooklyn, NY 11203 (US). SPIVACK, Nova, T. [US/US]; 38th floor, 3 Park Avenue, New York, NY 10016 (US).
- (74) Agents: WEILACHER, Robert, G. et al.; Beveridge, DeGrandi, Weilacher & Young, L.L.P., Suite 800, 1850 M Street, N.W., Washington, DC 20036 (US).

(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, II., IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ARIPO patent (GH, KE, LS, MW, SD, SZ, UG), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG).

Published

With international search report.

(54) Title: AN INTEGRATED INTERACTIVE VIDEO AND INTERNET SYSTEM

(57) Abstract

A system for integrating video programming with the vast information resources of the Internet (20). A computer-based system (16, 114) receives a video program and uniform resource locators (URLs). The URLs are interpreted by the system (12) to direct the system to the Web site locations to retrieve related Web pages (98). The video program signal can be displayed on a video window on a conventional personal computer screen (18). The actual retrieved Web pages can be time stamped and displayed, on another portion of the display screen (18), when predetermined related video content is displayed in the video window. The computerbased system can receive the URLs embedded in the video program (86) or directly through an Internet connection (94), at times specified by TV broadcasters in advance.

